

NEW TAXA IN SECTION *PETOTA* OF *SOLANUM*

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ABSTRACT

Seven new taxa are described in *Solanum* sect. *Petota*.

KEY WORDS: Solanaceae, *Solanum*, new species

This paper is the result of a review that I have been doing of many herbarium specimens during the preparation of a monograph on Peruvian tuber-bearing *Solanum*. Although the new proposed taxa are of an intraspecific level, I considered it necessary to publish them prior to the publication of the monograph. These taxa will be fully illustrated in my forthcoming book.

Solanum series *Acaulia*

Solanum acaule Bitt. f. *incuyo* Ochoa, *forma nova*. TYPE: PERU. Dept. Ayacucho: prov. Parinacochas, Crusvuelta, 3400-3500 m alt., ca. Incuyo, Aprilis 1975, C. Ochoa & A. Salas 9894 (HOLOTYPUS: OCH; Isotypi: CIP, OCH).

Planta rosulata. Folia simplicia et pinnatifida lobis late decurrentibus secum rachim, terminali latiori ovato-lanceolato vel late elliptico-lanceolato. Corolla pallide lilacina.

Solanum series *Conicibaccata*

Solanum chromatophilum Bitt. var. *subnivale* Ochoa, *var. nov.* TYPE: PERU. Dept. Ancash: prov. Yungay, supra Huishca, 4300 m alt., circa conterminus nivis perpetuus, Aprilis 17, 1978, C. Ochoa 12084 (HOLOTYPUS: OCH).

Planta a species typica differs: folia modice secta tantum 1-2 paribus lateralibus foliorum, sine interfoliis, pedicello circa media parte vel infra articulado; corollae majore praebentes, stellatae vel substellatae, lobis vix vel non nisi acuminatis.

Solanum chromatophilum Bitt. f. *sausianense* Ochoa *forma nov.* TYPE: PERU. Dept. Huanuco: prov. Huamalies, circa Sausian, 3580 m alt., Aprilis 26, 1967, *C. Ochoa 2646* (HOLOTYPUS: OCH).

A species typica primordialiter differs: forma et magnitudine foliolorum plerumque majoris et angustior lanceolatis ad apicem acutis vel acuminatis, et basi petiolulatis; itidem planta robustior, statura superans magis profuse ramosa, folia minus incisa.

Solanum series Megistacroloba

Solanum megistacrolobum Bitt. f. *purpureum* Ochoa, *forma nov.* TYPE: PERU. Dept. Arequipa: prov. Cailloma, Montis Yahuarmayo, 4000 m alt., ca. Pulpera, Martio 6, 1981, *C. Ochoa 14273* (HOLOTYPUS: OCH; Isotypi: CIP, MOL, USM).

Forma a typo, tuberculorum forma colore magnitudineque admodum variabilis differt. Tuberculi plerumque lati, complanati vel cylindracei cum peridermis purpureis nitidisque. Baccae copiosissime albo punctata.

Solanum series Piurana

Solanum chiquidenum Ochoa var. *gracile* Ochoa, *var. nov.* TYPE: PERU. Dept. Cajamarca: prov. Cutervo, Valle Grande, 2500 m alt. inter Santa Rosa de Tingo et Laguna Negra, Junius 1983, *C. Ochoa & Alberto Salas 15229* (HOLOTYPUS: OCH).

Planta gracilis, cauli tenui parce ramoso. Folia 2-3 paribus lobarum sin inter rachim interlobulis. Lobi anguste longeque lanceolati apice acuminato marginibus erosis. Corolla alba, stellata vel substellata.

Solanum chiquidenum Ochoa var. **robustum** Ochoa, var. nov. TYPE: PERU. Dept. Cajamarca: prov. Contumaza, Montis Cunanten, 2900 m alt., inter Chorrillo et La Ramada, Maius 1982, *C. Ochoa 14760* (HOLOTYPUS: OCH; Isotypi: CIP, MOL).

Planta robusta, caule crasso valde ramoso. Folia quam typus species maiora et magis dissecta, 2-3 paribus foliorum plus 2-4 paribus interloborum; lobis elliptico lanceolatis, apice acuto breviter acuminato marginibus loborum erosis ciliatisque. Corolla albo-eburnea, rotacea.

Solanum chiquidenum Ochoa f. **amazonense** Ochoa, forma nov. TYPE: PERU. Dept. Amazonas: prov. Luya, vicinitas Cuelap, 2800 m alt., Maius 15, 1967, *C. Ochoa 2673* (HOLOTYPUS: OCH).

Planta quam species typica *Solanum chiquidenum* Ochoa multo brevior. Folia breviora, plerumque pari foliorum latioribus subsessilibus et lobo terminali latiori late elliptico-lanceolato et cum corolla albo-eburnea, stellata vel substellata a typo differt.